



OPERATING ROOMS

MRI FACILITIES

LABORATORIES

HELIPORTS/HELIPADS

DATA PROCESSING CENTERS

FOOD SERVICE FACILITIES

ICU AREAS

SHIPPING DOCKS

PATIENT WARDS

EQUIPMENT ROOMS

Fire Extinguisher Selection Guide for Health Care Facilities



Quality is Behind the Diamond. ®



Amerex has been providing quality and innovation through its superior selection of fire fighting products for more than three decades. Amerex fire extinguishers have received worldwide recognition for its cutting edge technology and unprecedented craftsmanship, most notably in the areas of hand portable and wheeled extinguishers.

Today, Amerex has focused its unique and varied fire extinguisher product line to meet the specific industry needs of health care leaders today to become
Your First Choice for Health Care Facilities.

LABORATORIES • OPERATING ROOMS • MRI FACILITIES

MRI Facilities

Amerex recommends the Water Mist Fire Extinguisher, Model B270NM (6.0L Capacity) or 272AS (9.0L Capacity) for MRI facilities.

- Utilizes all non-magnetic construction as the standard for both units;
- Has been tested by an independent laboratory to be safe in 3 Tesla environments;
- Works effectively on Class A fires safely in the presence of live electrical equipment;
- Is cost effective when compared to other Halon alternatives; and
- Costs less for training than other Halon alternatives.

Operating Rooms

Amerex recommends the Water Mist Fire Extinguisher, Model B270NM (6.0L Capacity) or 272AS (9.0L Capacity) for Operating Rooms.

- Is effective on Class A (ordinary combustibles) materials that are present in bedding, draperies and plastics - CO2 is not effective on these fires;
- Utilises de-ionised water that will not carry dust throughout the surgical suite like ABE Dry Chemical;
- Does not use a cardiac sensitizer as found in clean agent extinguishers (such as Halon 1211, Fe-36, etc);
- Discharges in a soft pattern for limited exposure to patients;
- Poses no concern over thermal shock (CO2 is discharged at -79°C, which may cause tissue to freeze); and
- Meets UL/ULC and NFPA requirements for use around Class E fires (fire involving live electrical equipment).

While Amerex makes general suggestions regarding extinguisher selection for various hazards and situations, an in-depth hazard analysis of each situation should be conducted. Every location, operation and individual set of circumstances may dictate different fire protection choices than those offered in this brochure. Please ensure you consult a fire professional to select the correct equipment.

Laboratories

Amerex recommends the CO2 Fire Extinguisher, Models 204 (2.0kg), 354 (3.5kg) and 504 (5.0kg) for Laboratories.

- Utilises a hose and nozzle with a soft discharge pattern; and
- Leaves no residue.

Mechanical, Electrical, and Elevator Equipment Rooms

Amerex recommends the CO2 Fire Extinguisher, Models 204 (2.0kg), 354 (3.5kg) and 504 (5.0kg) for Laboratories.

- Is efficient for Class E fires (live electrical equipment) and small Class B fires (flammable liquids);
- Utilises a hose and nozzle with a soft discharge pattern; and
- Leaves no residue.

Shipping/Receiving Docks

Amerex recommends the ABE Dry Chemical Fire Extinguisher, Models B456 (4.5kg with aluminium valve) or 419AS (4.5kg with brass valve).

- Provides excellent fire-fighting capability for a wide variety of hazards;
- Offers more Class A fire fighting capability and range for the abundance of Class A materials, such as tires, insulation, cardboard boxes and packing materials; and
- Provides protection from fires involving Class B materials (flammable liquids) with the presence of trucks, forklifts and other equipment that require greater Class B ratings and discharge range.

FOOD SERVICE AREAS • EQUIPMENT ROOMS

272AS



630



204/354/504



Heliports/Helipads

Amerex recommends FFFP (Film Forming Fluoro-Protein) Foam Wheeled Fire Extinguisher Model 630 for heliports and helipads.

- Meets NFPA418 requirements for helipads (check to make sure which helipad classification applies to the particular installation under NFPA418 guidelines);
- Is made using a stainless steel cylinder (painted red) and will not corrode from the foam and water (unlike other extinguisher manufacturers); and
- Eliminates the need, depending on the helipad classification, for expensive foam systems.

Please note: this extinguisher contains 97% water and must be protected from freezing.

SHIPPING DOCKS • HELIPADS • PATIENT WARDS

Patient Wards

Amerex recommends the Water Mist Fire Extinguisher, Model B270NM (6.0L Capacity) or 272AS (9.0L Capacity) for Patient Wards.

- Is effective on Class A (ordinary combustibles) materials that are present in bedding, draperies and plastics - CO₂ is not effective on these fires;
- Utilises de-ionised water that will not carry dust throughout the surgical suite like ABE Dry Chemical;
- Does not use a cardiac sensitizer as found in clean agent extinguishers (such as Halon 1211, Fe-36, etc);
- Discharges in a soft pattern for limited exposure to patients;
- Poses no concern over thermal shock (CO₂ is discharged at -79°C, which may cause tissue to freeze); and
- Meets UL/ULC and NFPA requirements for use around Class E fires (fire involving live electrical equipment).
- Is cost effective when compared to other Halon alternatives; and
- Will not create an expensive clean up when discharged, like ABE Dry Chemical.

Food Services and Cooking Preparation Areas

Amerex recommends the Wet Chemical Fire Extinguisher, Model 260AS (6.0L Capacity) or B262 (9.0L Capacity) for food services and cooking preparation areas.

- Holds a Class F rating making it suitable for cooking oil and fat fires, common in kitchen areas;
- Holds a Class A rating making it suitable for ordinary combustibles; and
- Are lightweight and easy to handle.

Data Processing Centers, Telecommunications and Server Rooms

Amerex recommends the Halotron Fire Extinguisher, Models 397 (11lb.), and 398 (15.5lb.) or the Water Mist Fire Extinguisher, Models B270NM (6.0L Capacity) and 272AS (9.0L Capacity) for these areas.

- Carry a Class A rating making them suitable for ordinary combustibles;
- Halotron units leave absolutely no residue;
- Halotron units are listed for use on Class E fires (involving live electrical equipment); and
- Water Mist units have passed the UL testing process for use on Class E fires (involving live electrical equipment) by do not hold an AS rating for these fires.

Intensive Care Units (ICU)

Amerex recommends the Water Mist Fire Extinguisher, Model B270NM (6.0L Capacity) or 272AS (9.0L Capacity) for Intensive Care Units (ICU).

- Is effective on Class A (ordinary combustibles) materials that are present in bedding, draperies and plastics - CO2 is not effective on these fires;
- Utilises de-ionised water that will not carry dust throughout the surgical suite like ABE Dry Chemical;
- Does not use a cardiac sensitizer as found in clean agent extinguishers (such as Halon 1211, Fe-36, etc);
- Discharges in a soft pattern for limited exposure to patients;
- Poses no concern over thermal shock (CO2 is discharged at -79°C, which may cause tissue to freeze); and
- Meets UL/ULC and NFPA requirements for use around Class E fires (fire involving live electrical equipment).

DATA PROCESSING CENTERS • INTENSIVE CARE UNITS

397/398



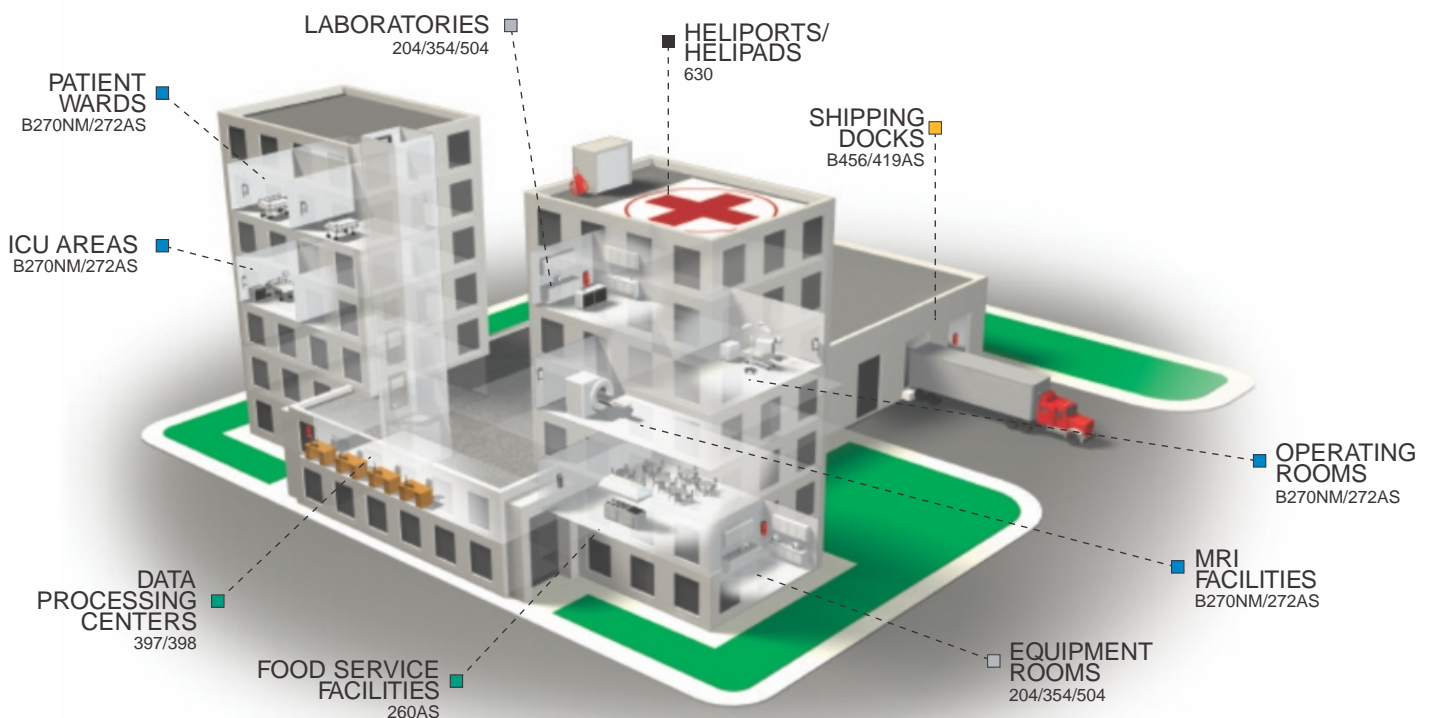
B465/419AS



260AS/B262



Example Selection Guide for Fire Protection Equipment



Extinguisher Descriptions

■ Model B270NM/272AS

The Water Mist Fire Extinguisher, Model B270NM (6.0L capacity) or Model 272AS (9.0L capacity), is the ultimate fire extinguisher for Class A fires, especially where a potential Class C (electrical) hazard exists. The fine misting spray provides safety from electrical shock, enhances the cooling and soaking characteristics of the agent, and reduces scattering of burning materials.

■ Model 204/354/504

The CO2 Fire Extinguisher, Models 204 (2.0kg), 354 (3.5kg) and 504 (5.0kg), discharges as a white cloud of "snow" which smothers a fire by eliminating its oxygen. It is effective for Class B flammable liquid fires and is electrically non-conductive. CO2 is a clean, non-contaminating, odorless gas, safe for use on clothing, equipment, documents, or food.

■ Model B456/419AS

The ABC Dry Chemical Fire Extinguisher, Models B456 (4.5kg w/aluminum valve) or Model 419AS (4.5kg w/ brass valve) is the hallmark for quality in the fire extinguisher industry. Rugged steel cylinders and stored pressure design are just a couple features of this ABC or multipurpose extinguisher, which contains a specially fluidised and siliconised mono-ammonium phosphate chemical manufactured by Amerex.

■ Models 397/398

The Halotron I Fire Extinguisher, Models 397 (11 lb.) and 398 (15.5 lb.), discharges a "clean agent" HCFC as a rapidly evaporating liquid which leaves no residue. It effectively extinguishes Class A and B fires and will not conduct electricity back to the operator. Halotron is pressurized with Argon gas and is an EPA and FAA approved agent for Class A, B, and C fires.

■ Model B260/262AS

The Wet Chemical Fire Extinguisher, Model B260 (6 liter) or Model B262 (9.0L), is the best restaurant kitchen appliance hand portable fire extinguisher. Tested and approved for the new Class K listing by UL, they contain a special potassium acetate based, low PH agent developed for use in pre-engineered restaurant kitchen systems.

■ Model 630

The Wheeled Fire Extinguisher Model 630 is made using a stainless steel shell – painted red – and will not corrode from the foam and water (unlike other fire extinguisher manufacturers). This extinguisher eliminates the need, depending upon the helipad classification, for expensive foam systems. Model 630 meets NFPA418 requirements for helipads (check to make sure which helipad classification applies to the particular installation under NFPA 418 guidelines). Because it contains 97% water, the unit must be protected from freezing.